

# Die-Cut Paper and Paperboard Office Supplies Manufacturing: 2002

Issued December 2004

EC02-311-322231 (RV)

## 2002 Economic Census

*Manufacturing*

Industry Series



USCENSUSBUREAU

*Helping You Make Informed Decisions*

U.S. Department of Commerce  
Economics and Statistics Administration  
U.S. CENSUS BUREAU



## CONTENTS

Introduction to the Economic Census .....	v
Manufacturing .....	ix

### Tables

1. Historical Statistics for the Industry: 2002 and Earlier Years ...	1
2. Industry Statistics for Selected States: 2002 .....	2
3. Detailed Statistics by Industry: 2002 .....	3
4. Industry Statistics by Employment Size: 2002.....	4
5. Industry Statistics by Primary Product Class Specialization: 2002 .....	5
6a. Products Statistics: 2002 and 1997 .....	6
6b. Product Class Shipments for Selected States: 2002 and 1997 .	7
7. Materials Consumed by Kind: 2002 and 1997.....	8

### Appendixes

A. Explanation of Terms .....	A-1
B. NAICS Codes, Titles, and Descriptions .....	B-1
C. Methodology .....	C-1
D. Geographic Notes .....	--
E. Metropolitan and Micropolitan Statistical Areas .....	--
F. Comparability of Product Classes and Product Codes: 2002 to 1997 .....	F-1

-- Not applicable for this report.

**Table 1. Historical Statistics for the Industry: 2002 and Earlier Years**

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry and year <sup>1</sup>	Com- panies <sup>2</sup>	All estab- lish- ments <sup>3</sup>	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expendi- tures (\$1,000)	
			Number <sup>4</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)					
322231, Die-cut paper and paperboard office supplies manufacturing .....	2002..	228	249	11 182	350 308	8 739	17 739	232 929	1 131 801	1 570 190	2 734 605	146 281
	2001..	N	N	12 995	376 366	9 982	20 032	237 660	994 703	1 642 271	2 606 690	37 026
	2000..	N	N	13 467	403 586	10 401	22 431	248 705	974 504	1 576 327	2 543 185	47 760
	1999..	N	N	13 859	386 228	10 800	22 978	252 714	1 026 566	1 238 922	2 251 833	57 078
	1998..	N	N	13 194	347 777	10 286	21 677	232 122	1 088 040	1 249 891	2 339 666	63 824
	1997..	337	357	12 552	337 559	9 813	19 921	223 444	992 306	1 150 628	2 105 012	55 008

<sup>1</sup>Statistics presented for years ending in 2 and 7 are census data. Interim census years are derived in a representative sample of manufacturing establishments canvassed in the Annual Survey of Manufactures (ASM).

<sup>2</sup>For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

<sup>3</sup>Includes establishments with payroll at any time during the year.

<sup>4</sup>Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

**Table 2. Industry Statistics for Selected States: 2002**

[States that are a disclosure or with less than 100 employees are not shown. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

Industry and geographic area	E <sup>1</sup>	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
		Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>3</sup>	Hours (1,000)	Wages (\$1,000)				
<b>322231, Die-cut paper and paperboard office supplies manufacturing</b>												
United States .....	1	249	110	11 182	350 308	8 739	17 739	232 929	1 131 801	1 570 190	2 734 605	146 281
California .....	1	34	12	1 163	33 347	751	1 540	20 500	53 604	89 877	146 812	2 157
Illinois .....	—	11	5	633	19 710	526	1 203	15 422	69 193	79 643	155 181	2 093
Massachusetts .....	—	8	5	1 091	37 956	888	1 774	25 136	96 302	90 906	193 327	3 322
Michigan .....	2	9	3	179	6 322	128	242	3 759	24 027	16 530	40 044	1319
New Jersey .....	6	13	6	393	9 608	355	676	8 018	30 407	28 574	56 141	1 448
New York .....	1	23	9	634	20 258	457	965	11 987	28 825	54 016	96 200	2 048
North Carolina .....	—	6	3	247	7 498	190	401	4 419	46 581	89 707	133 780	2 736
Ohio .....	—	15	9	1 081	30 490	930	1 845	22 522	82 034	207 748	287 187	5 924
Texas .....	—	11	6	454	14 833	349	660	8 129	32 656	27 643	61 935	1 485
Virginia .....	8	7	4	345	11 301	280	469	8 215	36 480	33 058	69 509	5 972
Washington .....	—	5	2	278	8 040	206	422	4 491	14 738	8 037	22 660	556
Wisconsin .....	1	9	5	461	12 743	356	674	8 242	30 389	55 585	86 168	960

<sup>1</sup>Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1—10 to 19 percent; 2—20 to 29 percent; 3—30 to 39 percent; 4—40 to 49 percent; 5—50 to 59 percent; 6—60 to 69 percent; 7—70 to 79 percent; 8—80 to 89 percent; 9—90 percent or more.

<sup>2</sup>Includes establishments with payroll at any time during the year.

<sup>3</sup>Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

**Table 3. Detailed Statistics by Industry: 2002**

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Item	Value
<b>322231, Die-cut paper and paperboard office supplies manufacturing</b>	
Companies <sup>1</sup> .....	number.. 228
All establishments <sup>2</sup> .....	number.. 249
Establishments with 1 to 19 employees .....	number.. 139
Establishments with 20 to 99 employees .....	number.. 78
Establishments with 100 employees or more .....	number.. 32
All employees <sup>3</sup> .....	number.. 11 182
Total compensation .....	\$1,000.. 438 737
Annual payroll .....	\$1,000.. 350 308
Total fringe benefits .....	\$1,000.. 88 429
Production workers, average for year .....	number.. 8 739
Production workers on March 12 .....	number.. 8 724
Production workers on May 12 .....	number.. 8 847
Production workers on August 12 .....	number.. 8 657
Production workers on November 12 .....	number.. 8 705
Production worker hours .....	1,000.. 17 739
Production worker wages .....	\$1,000.. 232 929
Total cost of materials .....	\$1,000.. 1 570 190
Materials, parts, containers, packaging, etc., used .....	\$1,000.. 1 358 599
Resales .....	\$1,000.. 181 952
Purchased fuels .....	\$1,000.. 4 430
Purchased electricity .....	\$1,000.. 12 881
Contract work .....	\$1,000.. 12 328
Quantity of electricity purchased for heat and power .....	1,000 kWh.. 205 468
Quantity of electricity generated less sold for heat and power .....	1,000 kWh.. S
Total value of shipments .....	\$1,000.. 2 734 605
Primary products value of shipments .....	\$1,000.. 2 183 258
Secondary products value of shipments .....	\$1,000.. 225 489
Total miscellaneous receipts .....	\$1,000.. 325 858
Value of resales .....	\$1,000.. 269 809
Contract receipts .....	\$1,000.. 41 543
Other miscellaneous receipts .....	\$1,000.. 14 506
Primary products specialization ratio .....	percent.. 91
Value of primary products shipments made in all industries .....	\$1,000.. 2 537 994
Value of primary products shipments made in this industry .....	\$1,000.. 2 183 258
Value of primary products shipments made in other industries .....	\$1,000.. 354 736
Coverage ratio .....	percent.. 86
Value added .....	\$1,000.. 1 131 801
Total inventories, beginning of year .....	\$1,000.. 291 015
Finished goods inventories .....	\$1,000.. 166 664
Work-in-process inventories .....	\$1,000.. 15 555
Materials and supplies inventories .....	\$1,000.. 108 796
Total inventories, end of year .....	\$1,000.. 254 522
Finished goods inventories .....	\$1,000.. 133 163
Work-in-process inventories .....	\$1,000.. 16 442
Materials and supplies inventories .....	\$1,000.. 104 917
Gross value of depreciable assets (acquisition costs) at beginning of year .....	\$1,000.. '772 463
Total capital expenditures (new and used) .....	\$1,000.. '46 281
Buildings and other structures (new and used) .....	\$1,000.. '7 922
Machinery and equipment (new and used) .....	\$1,000.. '38 359
Automobiles, trucks, etc., for highway use .....	\$1,000.. '3 311
Computers and peripheral data processing equipment .....	\$1,000.. '5 019
All other expenditures for machinery and equipment .....	\$1,000.. '30 029
Total retirements .....	\$1,000.. '30 744
Gross value of depreciable assets at end of year .....	\$1,000.. '788 000
Depreciation charges during year .....	\$1,000.. '50 813
Total rental payments .....	\$1,000.. 28 888
Buildings and other structures .....	\$1,000.. 18 869
Machinery and equipment .....	\$1,000.. 10 019
Total other expenses <sup>4</sup> .....	\$1,000.. 68 613
Response coverage ratio <sup>5</sup> .....	percent.. 72
Repair and maintenance services of buildings and/or machinery <sup>4</sup> .....	\$1,000.. 15 310
Communications services <sup>4</sup> .....	\$1,000.. 2 028
Legal services <sup>4</sup> .....	\$1,000.. 1 340
Accounting, auditing, and bookkeeping services <sup>4</sup> .....	\$1,000.. 2 099
Advertising and promotional services <sup>4</sup> .....	\$1,000.. 9 978
Expensed computer hardware and supplies and purchased computer services <sup>4</sup> .....	\$1,000.. 1 561
Refuse removal (including hazardous waste) services <sup>4</sup> .....	\$1,000.. 926
Management consulting and administrative services <sup>4</sup> .....	\$1,000.. 835
Taxes and license fees <sup>4</sup> .....	\$1,000.. 1 612
All other expenses <sup>4</sup> .....	\$1,000.. 32 432

<sup>1</sup>For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

<sup>2</sup>Includes establishments with payroll at any time during the year.

<sup>3</sup>Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

<sup>4</sup>Based on Annual Survey of Manufactures (ASM) sample data.

<sup>5</sup>A response coverage ratio is derived for this item by calculating the ratio of the weighted employment (establishment data multiplied by sample weight) for those Annual Survey of Manufactures (ASM) establishments that reported to the weighted total employment for all ASM establishments classified in this industry.

Note 1: The amounts shown for other expenses reflect only those services that establishments purchase from other companies.

Note 2: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

**Table 4. Industry Statistics by Employment Size: 2002**

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Employment size class	E <sup>1</sup>	All establishments <sup>2</sup>	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>3</sup>	Hours (1,000)	Wages (\$1,000)				
322231, Die-cut paper and paperboard office supplies manufacturing											
All establishments .....	1	249	11 182	350 308	8 739	17 739	232 929	1 131 801	1 570 190	2 734 605	'46 281
Establishments with—											
1 to 4 employees .....	9	59	c	D	D	D	D	D	D	D	D
5 to 9 employees .....	4	41	278	8 606	203	397	6 115	18 517	21 045	39 736	'933
10 to 19 employees .....	5	39	563	17 465	468	870	13 046	39 706	50 985	90 614	'1 656
20 to 49 employees .....	2	54	1 774	55 871	1 344	2 673	34 910	121 486	169 622	289 016	'9 231
50 to 99 employees .....	1	24	1 655	50 423	1 368	2 725	34 003	145 765	558 297	704 369	'6 117
100 to 249 employees .....	2	23	3 289	101 475	2 573	5 180	66 421	293 061	424 448	733 950	'14 543
250 to 499 employees .....	—	7	2 048	57 845	1 644	3 490	47 007	411 068	267 891	693 918	'8 820
500 to 999 employees .....	—	2	g	D	D	D	D	D	D	D	D
1,000 to 2,499 employees .....	—	—	—	—	—	—	—	—	—	—	—
2,500 employees or more .....	—	—	—	—	—	—	—	—	—	—	—
Administrative records <sup>4</sup> .....	9	54	126	4 265	104	202	3 257	9 057	18 742	27 799	'595

<sup>1</sup>Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1–10 to 19 percent; 2–20 to 29 percent; 3–30 to 39 percent; 4–40 to 49 percent; 5–50 to 59 percent; 6–60 to 69 percent; 7–70 to 79 percent; 8–80 to 89 percent; 9–90 percent or more.

<sup>2</sup>Includes establishments with payroll at any time during the year.

<sup>3</sup>Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

<sup>4</sup>Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. Data are also included in respective size classes shown.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

**Table 5. Industry Statistics by Primary Product Class Specialization: 2002**

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry or product class code	Industry or primary product class	All establishments <sup>1</sup>	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Number <sup>2</sup>	Payroll (\$1,000)	Number <sup>2</sup>	Hours (1,000)	Wages (\$1,000)				
322231	Die-cut paper and paperboard office supplies manufacturing .....	249	11 182	350 308	8 739	17 739	232 929	1 131 801	1 570 190	2 734 605	'46 281
3222311	Die-cut paper and paperboard office supplies .....	77	7 321	225 865	5 676	11 702	145 623	771 333	653 427	1 456 977	'21 741
3222313	Paper supplies for business machines and other miscellaneous unprinted paper office supplies .....	31	1 770	62 609	1 396	2 795	43 319	214 396	707 305	921 500	'15 368

<sup>1</sup>Includes establishments with payroll at any time during the year.

<sup>2</sup>Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

**Table 6a. Products Statistics: 2002 and 1997**

[Includes quantity and value of products of this industry produced by (1) establishments classified in this industry (primary) and (2) establishments classified in other industries (secondary). Transfers of products of this industry from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
322231	Die-cut paper and paperboard office supplies manufacturing .....	2002.. N	X	X	2 537 994
	1997.. N	N	X	X	2 287 708
3222311	Die-cut paper and paperboard office supplies .....	2002.. N	X	X	1 228 296
	1997.. N	N	X	X	1 192 411
32223111	Hanging and expandable file folders, all types and materials .....	2002.. N	X	X	131 921
	1997.. N	N	X	X	374 363
3222311111	Hanging file folders, all types and materials ..... mil units..	2002.. 12	X	S	82 987
	1997.. 23	N	X	S	241 406
3222311121	Expanding file folders (including wallets), all types and materials ..... mil units..	2002.. 18	X	S	48 934
	1997.. 17	N	X	S	132 957
32223112	Other file folders (including file jackets and file pockets), all types and materials .....	2002.. N	X	X	520 803
	1997.. N	N	X	X	395 200
3222311231	Other file folders (including file jackets and file pockets), all types and materials ..... mil units..	2002.. 39	X	S	520 803
	1997.. 41	N	X	S	395 200
32223113	Other die-cut paper and paperboard office supplies, including index, guide, and tabulating cards (including guide cards for file folders), presentation and report covers (except looseleaf), etc. ....	2002.. N	X	X	466 535
	1997.. N	N	X	X	306 698
3222311391	Other die-cut paper and paperboard office supplies, including index, guide, and tabulating cards (including guide cards for file folders), presentation and report covers (except looseleaf), etc. .... mil units..	2002.. 52	X	S	466 535
	1997.. 78	N	X	S	306 698
3222311Y	Die-cut paper and paperboard office supplies, nsk .....	2002.. N	X	X	109 037
	1997.. N	N	X	X	116 150
3222311YWV	Die-cut paper and paperboard office supplies, nsk .....	2002.. N	X	X	109 037
	1997.. N	N	X	X	116 150
3222313	Paper supplies for business machines and other miscellaneous unprinted paper office supplies .....	2002.. N	X	X	1 055 284
	1997.. N	N	X	X	853 149
32223131	Paper supplies for business machines and other miscellaneous unprinted paper office supplies .....	2002.. N	X	X	1 021 740
	1997.. N	N	X	X	786 491
3222313111	Paper rolls for adding and other business machines, except rolls for facsimile and photocopy machines .....	2002.. 20	X	X	202 964
	1997.. 21	N	X	X	233 958
3222313191	Other unprinted paper supplies, including photocopy, laser, safety, facsimile, teletype, etc. (excluding sensitized paper) .....	2002.. 31	X	X	818 776
	1997.. 23	N	X	X	552 533
3222313Y	Paper supplies for business machines and other miscellaneous unprinted paper office supplies, nsk .....	2002.. N	X	X	33 544
	1997.. N	N	X	X	66 658
3222313YWV	Paper supplies for business machines and other miscellaneous unprinted paper office supplies, nsk .....	2002.. N	X	X	33 544
	1997.. N	N	X	X	66 658
322231W	Die-cut paper and paperboard office supplies manufacturing, nsk, total .....	2002.. N	X	X	254 414
	1997.. N	N	X	X	242 148
322231WY	Die-cut paper and paperboard office supplies manufacturing, nsk, total .....	2002.. N	X	X	254 414
	1997.. N	N	X	X	242 148
322231WYWW	Die-cut paper and paperboard office supplies manufacturing, nsk, for nonadministrative-record establishments .....	2002.. N	X	X	230 142
	1997.. N	N	X	X	124 514
322231WYWY	Die-cut paper and paperboard office supplies manufacturing, nsk, for administrative-record establishments .....	2002.. N	X	X	24 272
	1997.. N	N	X	X	117 634

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.



**Table 6b. Product Class Shipments for Selected States: 2002 and 1997**

[Product classes covered are those that are economically significant and whose production is geographically dispersed, provided dispersion is not approximated by data in Table 2. Also, product classes are not shown if they are miscellaneous or "not specified by kind" classes. Statistics for some states are withheld because they are either less than \$2 million in product class shipments or they disclose data for individual companies in 2002. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographic definitions, see note at end of table. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

NAICS product class code	Product class and geographic area	Value of product shipments (\$1,000)
3222311	Die-cut paper and paperboard office supplies	
	United States .....	2002 .. 1 228 296
		1997 .. 1 192 411
	California .....	2002 .. 98 013
		1997 .. 100 638
	Illinois .....	2002 .. 74 284
		1997 .. 149 799
	Massachusetts .....	2002 .. 98 735
		1997 .. 101 209
	New Jersey .....	2002 .. 34 453
		1997 .. 19 112
	New York .....	2002 .. 34 362
		1997 .. 41 035
	Ohio .....	2002 .. 119 821
		1997 .. 113 995
	Texas .....	2002 .. 63 106
		1997 .. 67 679
	Wisconsin .....	2002 .. 27 169
		1997 .. 57 209
3222313	Paper supplies for business machines and other miscellaneous unprinted paper office supplies	
	United States .....	2002 .. 1 055 284
		1997 .. 853 149
	California .....	2002 .. 43 829
		1997 .. 54 694
	Massachusetts .....	2002 .. 44 163
		1997 .. 115 339

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

**Table 7. Materials Consumed by Kind: 2002 and 1997**

[Includes quantity and cost of materials consumed or put into production by establishments classified only in this industry. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Material code	Material consumed	Quantity	Delivered cost (\$1,000)
322231	Die-cut paper and paperboard office supplies manufacturing		
00900001	Total materials .....2002..	X	1 358 599
	.....1997..	X	1 014 537
00190005	Recovered paper, all types .....2002..	X	172 859
	.....1997..	X	N
32210005	Paper and paperboard (excluding boxes and containers) ..... 1,000 s tons ..2002..	S	692 716
	.....1997..	913.4	638 487
32610013	Plastics products consumed in the form of sheets, rods, tubes, film, and other shapes .....2002..	X	16 550
	.....1997..	X	16 501
31332006	Coated and laminated fabrics (including vinyl coated) .....2002..	X	7 135
	.....1997..	X	N
32552003	Glues and adhesives..... mil lb ..2002..	S	17 652
	.....1997..	S	5 943
32591002	Printing inks .....2002..	X	7 292
	.....1997..	X	N
32221001	Paperboard containers, boxes, and corrugated paperboard .....2002..	X	84 328
	.....1997..	X	50 617
00970099	All other materials and components, parts, containers, and supplies.....2002..	X	117 116
	.....1997..	X	82 161
00971000	Materials, ingredients, containers, and supplies, nsk .....2002..	X	242 951
	.....1997..	X	220 828

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.